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MAILED 02 JUN 1999

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I, the undersigned, being an officer duly authorised in accordance with Section 74(1) and (4) of the Deregulation & Contracting Out Act 1994, to sign and issue certificates on behalf of the Comptroller-General, hereby certify that annexed hereto is a true copy of the documents as originally filed in connection with the patent application identified therein.

I also certify that the attached copy of the request for grant of a Patent (Form 1/77) bears an amendment, effected by this office, following a request by the applicant and agreed to by the Comptroller-General.

In accordance with the Patents (Companies Re-registration) Rules 1982, if a company named in this certificate and any accompanying documents has re-registered under the Companies Act 1980 with the same name as that with which it was registered immediately before re-registration save for the substitution as, or inclusion as, the last part of the name of the words "public limited company" or their equivalents in Welsh, references to the name of the company in this certificate and any accompanying documents shall be treated as references to the name with which it is so re-registered.

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*P. Mahoney*

Signed

Dated

04 JUN 1999

03SEP98 E387510-2 D01821  
P01/7700 25.00 - 9819131.5**Request for grant of a patent**

(See notes on the back of this form. You can also get a statutory leaflet from the Patent Office to help you fill in this form)

The Patent Office

Cardiff Road  
Newport  
Gwent NP9 1RH

£25

1. Your reference Jg-2371

2. Patent application number  
(The Patent Office will fill in this part)**9819131.5**

3. Full name, address and postcode of the or of each applicant (underline all surnames)

Web Dynamics Ltd,  
Batchworth Lock House, 99 Church Street,  
Rickmansworth, Hertfordshire, WD3 1JJ,  
United Kingdom.

Patents ADP number (if you know it)

7369549001

If the applicant is a corporate body, give the country/state of its incorporation

United Kingdom

4. Title of the invention

EMBOSS PATTERN INTERACTION IN THERMAL BONDING

5. Name of your agent (if you have one)

~~Graham Jones & Company~~

"Address for service" in the United Kingdom to which all correspondence should be sent (including the postcode)

~~77 Beaconsfield Road,  
Blackheath,  
London,  
SE3 7LG~~David Keltie Associates  
12 New Fetter Lane  
London  
EC4A 1AG

Patents ADP number (if you know it)

2097001

4014502006

6. If you are declaring priority from one or more earlier patent applications, give the country and the date of filing of the or of each of these earlier applications and (if you know it) the or each application number

Country

Priority application number  
(if you know it)Date of filing  
(day / month / year)

7. If this application is divided or otherwise derived from an earlier UK application, give the number and the filing date of the earlier application

Number of earlier application

Date of filing  
(day / month / year)

8. Is a statement of inventorship and of right to grant of a patent required in support of this request? (Answer 'Yes' if:

YES

a) any applicant named in part 3 is not an inventor, or

b) there is an inventor who is not named as an applicant, or

c) any named applicant is a corporate body.

See note (d))

## Patents Form 1/77

9. Enter the number of sheets for any of the following items you are filing with this form.  
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Continuation sheets of this form

Description

2

Claim(s)

Abstract

Drawing(s)

1 + 1

10. If you are also filing any of the following, state how many against each item.

Priority documents

Translations of priority documents

Statement of inventorship and right to grant of a patent (*Patents Form 7/77*)

2

Request for preliminary examination and search (*Patents Form 9/77*)

Request for substantive examination (*Patents Form 10/77*)

Any other documents  
(please specify)

11.

I/We request the grant of a patent on the basis of this application.

Signature

Date

2/9/98

12. Name and daytime telephone number of person to contact in the United Kingdom

Mr G.H. Jones 0181-858 4039

### Warning

After an application for a patent has been filed, the Comptroller of the Patent Office will consider whether publication or communication of the invention should be prohibited or restricted under Section 22 of the Patents Act 1977. You will be informed if it is necessary to prohibit or restrict your invention in this way. Furthermore, if you live in the United Kingdom, Section 23 of the Patents Act 1977 stops you from applying for a patent abroad without first getting written permission from the Patent Office unless an application has been filed at least 6 weeks beforehand in the United Kingdom for a patent for the same invention and either no direction prohibiting publication or communication has been given, or any such direction has been revoked.

### Notes

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- Write your answers in capital letters using black ink or you may type them.
- If there is not enough space for all the relevant details on any part of this form, please continue on a separate sheet of paper and write "see continuation sheet" in the relevant part(s). Any continuation sheet should be attached to this form.
- If you have answered 'Yes' Patents Form 7/77 will need to be filed.
- Once you have filled in the form you must remember to sign and date it.
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EMBOSS PATTERN INTERACTION IN THERMAL BONDING

This invention relates to emboss pattern interaction in thermal bonding.

In our United Kingdom Patent Application No. 9817399.0, we have disclosed that it is advantageous to thermally laminate using a lamination pattern that is significantly different from that of the components.

In our Patent Application No. 9817399.0 the drawing (which may be regarded as Figure 1) illustrates the pattern resulting from the superposition of two similar 19% diamond emboss patterns. The Figure also demonstrates relatively large areas where the two patterns are either completely in, or completely out, of phase.

In the present invention, there is provided by way of illustrative example only, another Figure which has been labelled Figure 2 in order to carry on from the Figure in our United Kingdom Patent Application No. 9817399.0.

Figure 2 illustrates the pattern resulting from the superposition of a 19% bond area diamond emboss pattern and an 8% round emboss pattern. In Figure 2, there are no large areas where the two patterns are completely in, or complete out, of phase. This may

prove to be particularly advantageous both aesthetically and in obtaining adequate consistent bonding when using fabrics above 50 g/m<sup>2</sup>.

FIG 2

